

Notice of Allowability

Application No.

09/517,541

Examiner

Nga B. Nguyen

Applicant(s)

SILVERBROOK ET AL.

Art Unit

3692

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on November 22, 2006.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. This Office Action is the answer to the Amendment filed on November 22, 2006, which paper has been placed of record in the file.
2. Claims 1-10 are pending in this application.

Allowable Subject Matter/Reasons for Allowance

3. Claims 1 and 5 are allowed over the prior arts cited records.

The closest prior art is:

1) Park (US 5,673,223) discloses in an authentication chip in which secret data is manipulated, a method of shielding manipulations of the secret data from observation, including the steps of: operating non-flashing CMOS structures in the chip.

Therefore, it is clear from the description of Park's invention that the prior arts do not considered the possibility of: operating non-flashing CMOS structures in the chip, in which pMOS and nMOS transistors are driven such that they do not have intermediate resistance simultaneously during a change of state of the CMOS structure, to manipulate the secret data and operating conventional CMOS inverters adjacent the non-flashing CMOS structures at the same time, as included in claims 1, non-flashing CMOS structures, in which pMOS and nMOS transistors are driven such that they do not have intermediate resistance simultaneously during a change of state of the CMOS structure, to manipulate the secret data and conventional CMOS inverters adjacent the non-flashing CMOS structures, to change stat at the same time the non-flashing CMOS structure manipulate secret data, as included in claim 5.

Art Unit: 3692

4. Claims (2-4, 9) and (6-8, 10), are allowed because they are dependent claims of the allowable independents 1 and 5 above, in that order.

Conclusion

5. Claims **1-10** are allowable.
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Nga B. Nguyen whose telephone number is (571) 272-6796. The examiner can normally be reached on Monday-Thursday from 9:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard E. Chilcot can be reached on (571) 272-6777.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-3600.

7. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

C/o Technology Center 3600

Washington, DC 20231

Or faxed to:

(703) 872-9306 (for formal communication intended for entry),

or

Application/Control Number: 09/517,541
Art Unit: 3692

Page 4

(571) 273-0325 (for informal or draft communication, please label
"PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to Knox Building, 501 Dulany
Street, Alexandria, VA, First Floor (Receptionist).

A handwritten signature in cursive script, appearing to read "Nga Nguyen".

NGA NGUYEN
PRIMARY EXAMINER

January 8, 2007